

Appl. No. 09/686,563  
Amdt. dated June 28, 2004  
Amendment under 37 CFR 1.116 Expedited Procedure  
Examining Group

PATENT

**Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An identification system comprising:  
a modem communicating with a telephonic network;  
a dialog processing device communicating with said telephonic network;  
a controller communicating with said modem and said dialog processing device to identify a terminating connection of said telephonic network; and  
software that programs the system to:  
receive a plurality of telephone numbers relating to terminating connections;  
use the modem to attempt to establish an analog modem connection to a terminating connection;  
classify the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;  
classify the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;  
use the dialog processing device to monitor the terminating connection during operation of the modem;  
classify the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;  
classify the terminating connection as a voice connection if the dialog processing device detects a voice connection; and  
record an entry relating to the classification in a database.

2-10 (Cancelled)

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11. (Previously Presented) A method of classifying a terminating connection comprising the steps of:

- receiving a plurality of telephone numbers relating to terminating connections;
- attempting to establish an analog modem connection to the terminating connection using a modem;
- classifying the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;
- classifying the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;
- monitoring the terminating connection during operation of the modem using a dialog processing device;
- classifying the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;
- classifying the terminating connection as a voice connection if the dialog processing device detects a voice connection; and
- recording an entry relating to the classification in a database.

12-25 (Cancelled)